

WISCONSIN RADIO AMATEURS' CLUB, INC.
MINUTES OF THE REGULAR MEETING JANUARY 3, 1928.

The meeting was called to order by President Seibel, and the minutes of the previous meeting read and corrected.

Mr. Catel, Business manager reported on stations sending code practice.

Mr. Scholz explained his new push-pull 4020 type transmitter.

A very interesting talk was given by Mr. Barnes on motors and generators and power transmission lines.

There being no further business the meeting was adjourned.

Respectfully submitted,

 Secy.

THE MILWAUKEE RADIO AMATEURS' CLUB, INC.
Minutes of the regular meeting January 10, 1929

The meeting was called to order by President Seibel, and the minutes of the previous meeting read and approved.

Business manager Gatol reported on a case of interference on the south side.

Mr. E. J. Bailey of The Electric Co, gave a very interesting talk on interference causes and remedies.

There being no further business the meeting was adjourned.

Respectfully submitted,

J. H. Reed Secy.

Treas. Report. Bal. \$68.09

Receipts

Tucholski	2 No.	\$.50
Budney	1 No.	1.00

Expense

Post Cards	2.50
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Balance \$67.09

MILWAUKEE RADIO AMATEURS' CLUB, INC.
MINUTES OF THE REGULAR MEETING JANUARY 17, 1929.

The meeting was called to order by President Seibel, and the minutes of the previous meeting read and approved.

Irving H. Harker, Catel, following reports.

Sec. Committee man Howell reported on the Heavenside layer and on work on ten meters.

Mr. Kurth reported on activities at his station.

Discussion of the combined monitor box and wavemeter was brought up by Mr. Catel.

A new member Mr. Thomas E. Dunlap Jr. was voted in.

Traffic Manager Crapo reported on traffic totals and announced the Radio Inspector would be here Jan. 25-26.

Mr. Guthrie explained a new circuit he is using.

There being no further business the meeting was adjourned.

Respectfully submitted,

H. Russ secy.

THE MILWAUKEE RADIO AMATEURS' CLUB, INC.
MINUTES OF THE REGULAR MEETING JANUARY 24, 1929.

The meeting was called to order by President Seibel, and the minutes of the previous meeting read and approved.

Business Manager Catel read a communication from Headquarters urging the fellows to fall in line with 1929 practices including the new "Q" signals.

Mr. Krones reported on a newsreel showing WHD in communication with the Byrd Expedition at the South Pole.

Don Seibel reported on his receiver using a stage of shield grid radio frequency amplification and coils of his own manufacture.

H. Reiss explained how Long Distance wires are used to advantage in telephone work by putting many circuits on a few wires.

There being no further business the meeting was adjourned.

Respectfully submitted

H. Reiss. Secy.

THE MILWAUKEE RADIO AMATEURS' CLUB, INC.
Minutes of the regular meeting January 31, 1929.

The meeting was called to order by President Seibel and the minutes of the previous meeting read and approved.

Business Manager Catel reported no response as yet to the letter to Rectobulb company on rectifier burned out at club station.

Mr. Crapo gave the traffic report for the month and happenings around the state including 9DLD's tower being wrecked.

Technical Chairman Howell gave some receiver dope.

Mr. Dunlap displayed his receiver being of the shield grid radio frequency variety.

Messrs Catel and Krones report President Seibels receiver working very good.

Mr. Ward, Papers and Publications reported a new rectifier tube by Ratheon having a higher current rating than previous tubes. The procedure for designing reflector antennas and receiving antennas was also given by Mr. Ward.

There being no further business the meeting was adjourned.

Respectfully submitted

W. H. Reiss Secy.

THE MILWAUKEE RADIO AMATEURS CLUB, Inc.
MINUTES OF THE REGULAR MEETING FEBRUARY 7, 1929.

The meeting was called to order by President Seibel and the minutes of the previous meeting read and approved.

Mr. Catel, Business manager reported on a letter received from L. J. Rinds, Berwyn, Illinois, asking our support for Mr. H. D. Hayes to fill the recently vacated office, as a member of the Radio Commission. A motion was made and seconded and the Secretary was authorized by oral vote to draw up a resolution to this effect.

Mr. Krones read extracts from a Government paper stating the requirements for licenses of all grades.


Papers and Publications, Mr. Ward had nothing to report.

Mr. Booth told of a new television receiver by Jenkins.

It was announced there would be code practice next meeting.

There being no further business the meeting was adjourned.

Respectfully submitted,


-----Secy.

THE MILWAUKEE RADIO AMATEURS' CLUB, INC.
MINUTES OF THE REGULAR MEETING FEBRUARY 14, 1929.

The code practice class was started again after a few months of idleness.

The meeting was called to order by President Seibel and the minutes of the previous meeting read and approved.

Messrs. Catel and Crapo told of the new license forms.

The resolution asking Mr. Hayes to be a member of the Federal Radio Commission was read and approved. It was signed by club members a copy to go to Mr. Hayes, President Coolidge and President Elect Hoover.

Ex President Schunk announced his matrimonial plunge stating it was not to interfere with his amateur activities.

It was decided to have some entertainment in the near future, probably a dinner dance.

Mr. Crapo, in search of information started talking about crystal control on three waves but was much discouraged when an argument did not start.

There being no further business the meeting was adjourned.

Respectfully submitted

A. R. R.
-----Secy-Treas.

THE MILWAUKEE RADIO AMATEURS' CLUB, INC.
MINUTES OF THE REGULAR MEETING FEBRUARY 21, 1929.

The code class was attended by several members.

The meeting was called to order by President Seibel and the minutes of the previous meeting read and approved.

Business Manager Catel read parts of the new license he just received. It seems to deal less with the actual station than the previous licenses but more detail to other matters and all assignments were in kilocycles.

Membership committeeman Stommer had nothing to report.

Technical Committeeman Howell explained his method of tuning all waves with two small condensers in series and a larger one parallel to these. Mr Tucholski inquired as to best method of antenna coupling to receiver.

Mr. Wray told of a queer case of trouble on his TPTG transmitter in only being able to draw ten mills under most abnormal circumstances.

Mr. Crapo gave traffic totals for year. Many Wisconsin stations had a very good total and held its own very well considering number of stations reporting. The figures show the average message relayed between one and two times,

There being no further business the meeting was adjourned.

Respectfully submitted


-----Secy.

THE MILWAUKEE RADIO AMATEURS' Club, Inc.
Minutes of the regular meeting February 28, 1929.

Mr. Catel resumed his old position as instructor in the Code class.

The meeting was called to order by president Seibel and the minutes of the previous meeting read and approved.

Mr. Catel related a peculiar incident, as how the club's book The Radio Manuel was returned. The new Burgess "PL" batteries were also described and working characteristics given.

Membership committeeman Stomner had nothing to report.

Mr. Crapo told of the new traffic closing date due to a change at Headquarters, the QST is to be published by a new publisher and ~~we~~ are to receive our QST's earlier. Station descriptions are to be accepted again and prizes are to be given including Handbook, message pads and log sheets. The LaCrosse club is going strong.

Papers and Publications, Mr. Ward reported on a new electrostatic loud speaker on the condenser principle. He also reported on the vacuum tube voltmeter.

Mr. Seibel called Krones' bluff of never being on the air by displaying a card from English 5ML, the report being very good.

Messers Barnes and Krones reported on a receiver featured in QST.

Mr. Knoff was present and said he was absent ^{on previous occasions} because of things unavoidable but hoped to be with us more from now on.

The subject of a Dinner dance was brought up but no comment.

There being no further business the meeting was adjourned.

Respectfully submitted

H. Reuss
-----Secy.

Balance \$75.84

THE MILWAUKEE RADIO AMATEURS CLUB INC.
MINUTES OF THE REGULAR MEETING MARCH 17, 1929.

The code class was attended by several members.

The meeting was called to order by President Seibel and the minutes of the previous meeting read and approved.

Business Manager Catel had nothing to report.

Mr. Stommer, membership committee chairman ask that the application of Frederick Seifert be acted upon. Mr. Seifert, was voted a member of the club.

Mr. Crapo had nothing on traffic.

Mr. Howell said he missed his schedule with 9DLD the first time in ~~two~~ ^{many} years because of Aurora Borelius. Mr. Howell also gave some dope on choke coil design but Messers Crapo and Catel mentioned their success was due much to cut and try methods.

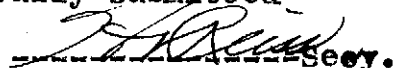
Mr. Barnes read a paper describing the work of station 2ALU and some of the excellent work it is doing with the Byrd Expedition. A general call for help was given - please give Barnes a hand and help him with articles for ham chatter.

Mr. Crapo informed us the Govenor President message reached Washington.

The English stations are coming thru fine on twenty meters according to Mr. Guthrie and easy to work them.

There being no further business the meeting was adjourned.

Respectfully submitted


-----Secy.

THE MILWAUKEE AMATEURS CLUB INC.
MINUTES OF THE REGULAR MEETING MARCH 14, 1929.

A new code practice set was tried and some good practice obtained by members of code class.

The meeting was called to order by President Seibel and the minutes of the previous meeting read and approved.

Mr. Catel as Business manager had nothing to report.

Mr Stomner had nothing to report on membership.

Traffic manager Crapo notified us the new date to report messages for the month would be the Fifteenth. Illinois with sixty-six stations handled Eighteen hundred messages and Wisconsin with twenty stations had Eleven hundred messages, showing a good station average. A bulletin was issued from headquarters requesting that ORS report on time.

Technical committeeman Howell related his experience with a 250 tube for oscillator, but thinks the 210 is superior for this purpose. He also told of his method of plug in choke coils. Series and Parallel resonance was also explained.

Mr. Catel related his experience with the High C circuit and an electrolitic condenser.

Mr. Bennett, 9ATY of Chicago was a visitor and gave a few words.

The dinner dance was brought up but not much enthusiasum shown. It was decided to have a QSO party and a motion made and seconded that it be on April 20. A committee is to be decided on and they will decide place.

There being no further business the meeting was adjourned.

Respectfully submitted,

J. H. Reuss
-----Secy.

THE MILWAUKEE RADIO AMATEUR CLUB, INC.

Regular meeting Thursday March 21st, 1929.

The meeting was called to order by the President Mr. Seibel.

In the absence of the Secretary Mr. Schunck acted protem.

Mr. Crapo SCM reported on traffic and again reminded the gang of the change in reporting date. W9DLD was high in Wis with 265 and broke into the BPL altho only reporting a half month.

Mr. Catel reviewed his visit to the Universal Wireless Corp plant in Chicago.

He also told of the Naval Reserve Meeting that Mr. Seibel and he had attended.

An article on the lighting of tube filaments with HF alternating currents as used by the Fansted Company in their latest receiver was read by Mr. Schunck.

Messrs. Catel, Seibel and Schunck were appointed by the President as members on the ~~QSO~~ Party Committee.

Mr. Tesch was voted into the Club as an Associate member.

Monies taken in for ARRL membership initiation and club dues for Mr. Tesch was \$3.50.

There being no further business the meeting was adjourned.

Respectfully submitted,

Dreumont D. Schunck

The Milwaukee Radio Amateurs Club, Inc.

Minutes of the regular meeting March 28th.

The meeting was called to order by the President Mr. Seibel.

In the absence of the Secretary Mr. Reiss, Mr. Schunck again acted protem.

Mr. Catel reported on the QSO party to be held April 20th. He said that the Press Club was secured and that the price would be \$2.00 per plate.

Mr. Howell gave a technical report on the tuning effect the condenser has in a receiver using capacity controlled regeneration. He also talked on wave propagation and a direct reading frequency meter.

Mr. Wollaefer gave his version of low loss construction in receivers.

There being no further business the meeting was adjourned.

Respectfully submitted,

Dwight D. Schunck

THE MILWAUKEE RADIO AMATEURS CLUB INC.
MINUTES OF THE REGULAR MEETING APRIL 4, 1929.

The meeting was called to order at 8:25PM by President Seibel, the minutes not being read as they were not in hands of secretary.

Mr. Stomner had nothing to report.

Mr. Crapo reported both of his Antennas were down, due to storm and sleet.

A letter was received by Mr. Catel from Pfister Hotel but it was decided the Press Club would be a better place to hold the QSO party. G. Ward was asked to see Father Protka of Marquette University about speaking at party. It was suggested that Tucholski, Kurth, Lewis and Seifert, the ~~newer~~ younger members put on a number. They decided to get together.

Mr. Ward had nothing to report.

Technical Chairman Howell reported on a wavemeter comparing the frequency to time, also on getting true zero beat by introducing other frequencies. He also reported on an article from QST on an up to date phone transmitter stressing the high percentage of modulation.

Mr. Tucholski wanted information on building a 1929 transmitter with 1924 parts. It was explained the circuits were fundamentally the same but a large condenser to inductance ratio.

President Seibel mentioned he was getting two 852 and two 865 tubes so we can expect great things.

SATU has a crystal operating that he ground from a blank.

Howell explained his method of working on 20-40-80 with two Antennas.

Mr. Crapo gave his experiences with power lines in vicinity of ~~the~~ his antenna.

There being no further business the meeting was adjourned.

Respectfully submitted

H. C. Russ
-----Secy.

Treas Bal. \$83.84

THE MILWAUKEE RADIO AMATEURS CLUB INC.
MINUTES OF THE REGULAR MEETING APRIL 11, 1929.

The meeting was called to order by President Seibel and the minutes of the previous meeting read and approved.

Business manager Gatel ~~XXXXXXXXXXXXXXXXXXXX~~ spoke of the coming QSO party and general discussion followed. The tickets were passed among the members.

9ATU, told of his work on ten meters and a few wrinkles he has ironed out. Schedules were invited.

9ATQ, Carey gave an interesting talk on measuring the capacity of condensers with A. C. and a milliammeter.

Technical chairman Howell reported on a wavemeter being able to cover several amateur bands with but one coil, using harmonics.

Membership committeeman Stonner had one new ~~member~~ applicant, Geo. Ruger whose application was voted favorably.

The club was in receipt of a letter from Messers Barnes and Krones, now in Washington, D. C. They mentioned in part the Washington Radio Club of which many of its members are employed at the Bureau of Standards, and speakers are not lacking.

Ward, Papers and Publications reported on a very unique method of remote control, by radio, used at SCAU. He also reported on a new method of regeneration control and a multiplier for A. C. voltmeters using condensers.

There being no further business the meeting was adjourned.

Respectfully submitted,

H. Reiss
-----See'y

THE MILWAUKEE RADIO AMATEURS CLUB INC.
MINUTES OF THE REGULAR MEETING APRIL, 18, 1929.

The meeting was called to order by President Seibel and the minutes of the previous meeting read and approved.

Business Manager Catel announced a monitor box ~~xxxx~~, given by the Aero Coil Co, to be a prize at the QSO party. A letter was received from Mr. Crony Ex 9CJN asking what night we meet as he plans being with us for a meeting in the future. It was decided to have a picture taken at the QSO party by Mr. Kuhl.

Membership committeeman Stenner had nothing to report.

Mr. Howell gave a method of working on 20-40-80 with one antenna by loading the feeder and using a counterpoise.

Mr. Tusholski reported on drilling glass and a general discussion followed many methods being explained.

9ATU had his ten meter set on display and told us of work on ten meters.

Messers Crapo and Ward had nothing to report.

It was suggested that some get on 160 meter ^{BAND} for rag chewing. A low power transmitter could be employed using an amplifier tube ~~xxx~~.

Mr. Ward explained a method of working on 10 - 20 - 40 - 80.

The meeting was thrown open to general discussion and it was brought up that Australia is a day ahead of us as the dividing line is in the Pacific. international date line)

There being no further business the meeting was adjourned at 9:45 PM.

Respectfully submitted

H. C. Russ
-----Secy.

THE MILWAUKEE RADIO AMATEURS CLUB INC.
MINUTES OF THE REGULAR MEETING APRIL 25, 1929.

The meeting was called to order by President Seibel and the minutes of the previous meeting corrected to read 160 meter band instead of 180, per Mr. Crapo.

Mr Stomner, membership committeeman had nothing to report.

Mr. Howell displayed a map of the world and explained the time divisions.

Mr. Ward gave his experience working with a verticle and horizontal antenna giving peculiarities of each. He recently worked French 80UR on twenty meters.

Mr. Kurth asked why a lamp held near the center of his inductance was brighter than at the end. It was decided he was at a current peak as he touched the other connection of the lamp.

Mr. Tucholski finds glass insulators very good forms for r. f. choke coils.

Mr. Budney reports the monitor he won at the QSO party works very nice.

Mr. Howell suggested putting a regeneration control on the monitors as when they regenerated too strong it gave a false impression of the note.

A motion was made and seconded that the picnic be held at Moose Lake resort the last Sunday in August, a committee to be appointed to handle it.

Messers Kurth and Tucholski asks for help as they are in charge of the ham chatter columne.

The meeting was thrown open to general discussion.

A motion was made by Mr. Howell that we adjourn as there was no further business.

Respectfully submitted,

J. H. Russ
-----Secy.

THE MILWAUKEE RADIO AMATEURS CLUB INC.
MINUTES OF THE REGULAR MEETING MAY 12, 1929.

The meeting was called to order by President Seibel and the minutes of the previous meeting read and approved.

Messrs Stomner, Crapo and Natel, Membership, Traffic and Business committeemen had nothing to report,

Technical Committeeman Howell announced a demonstration was to be given next meeting on the propagation of Standing electrical waves. The secretary was directed to send announcements.

Mr. Ward discussed a paper on crystals and their properties when cut various ways.

The meeting was thrown open to general discussion and a suggestion for chokes using x bakelite tubing and a 199 tube base for plug in chokes by Stomner.
given

A motion was made and seconded to adjourn but failed to pass a majority vote.

A method of keeping his mercury Arc rectifier alive was given by Mr. Ward.

There being no further business the meeting was adjourned.

Respectfully submitted

H. Davis
-----Secy.

THE MILWAUKEE RADIO AMATEURS CLUB INC.
MINUTES OF THE REGULAR MEETING MAY 9, 1929.

The meeting was called to order by President Seibel and the minutes of the previous meeting read and approved.

Business Manager Catel reported the Recto-bulb was to be replaced.

Messers Crapo and Stomner, Traffic and membership, had nothing to report.

The meeting was turned over to Mr. Howell, and a very interesting demonstration of Standing electrical waves was given.

There being no more time the meeting was adjourned.

Respectfully submitted,

F. H. Weiss Secy.

THE MIDW AUKEE RADIO AMATEURS CLUB INC.
MINUTES OF THE REGULAR MEETING MAY 16, 1929.

The meeting was called to order by President Seidel and the minutes of the previous meeting read and approved,

The Business manager was not present because of other business,

Mr. Crapo urges all ORS to report and hopes the gang dont get spring fever.

Membership committee had nothing to report.

Mr. Crapo exhibited his crystal controlled transmitter and gave a very interesting report on it.

Mr. Wysockie exhibited his tuned grid tuned plate transmitter built in regular 1929 fashion.

A very interesting report was given on station W9DLD by Mr. Howell who was a recent visitor.

W9DLQ, Hartford, a visitor gave us a few words.

The Secretary was authorized to purchase one dozen Citizens Radio call books on a motion made by Mr. Ruger.

W9EYH, Troy Center, a visitor told us a bit about his station.

A motion made by Mr. Topolinski to adjourn was lost.

W9DLQ told us of his experience in repairing filter condensers.

There being no further business the meeting was adjourned.

Respectfully submitted,

H. Reiss
-----Secy.

MILWAUKEE RADIO AMATEURS CLUB INC.

MINUTES OF THE REGULAR MEETING MAY 23, 1929.

The meeting was called to order by President Seibel and the minutes of the previous meeting were read and approved, Committee reports were in order:

Business ^{MANAGER} ~~Committee~~ Catel announced Mr. C. W. Loeber of RCA to be here in June to give us a talk.
THE R. I. TO BE HERE 9 AM. JUNE 7-18 - Federal Bldg.
Stomner had a new applicant, Walter Wallace, W9EYH, was admitted to regular membership.

Mr. Crapo reported a total of 538 messages with Catel, W9DTK, at the top of the list. The LaCrosse radio club is going strong.

Technical Chairman Howell told us of adjusting transmitters and balancing impedances.

Mr. Crapo told of his experience with his transmitter. ~~and~~ Catel also related his experience with the Colpitts or Hoffman circuit.

President Seibel appointed Howard Lasanske and Jerry Krock for picnic committee. A motion was made and passed authorizing the Secretary to advance Mr. Krock \$15.

It was decided not to have a meeting May 30, Memorial Day.
Pres. Seibel announced
A board of Directors meeting is to be held next meeting.

There being no further business the meeting was adjourned.

Respectfully submitted

Howard Lasanske Secy.

THE MILWAUKEE RADIO AMATEURS CLUB INC.
MINUTES OF THE REGULAR MEETING JUNE 7, 1929.

In the absence of President Seibel and Vice President Howell Business Manager Catel presided. The minutes of the previous meeting were read and approved.

The regular order of business was dispensed with and Mr. Loeber, the speaker of the evening introduced. He ~~xxx~~ was a former member of our club ~~in~~, but now with RCA. He gave a very interesting talk on the traffic department of his organization and the transmitting tubes available for amateur use.

K6DJK from Honolulu was a visitor.

Mr. Tucholski gave us a new lead-in wrinkle.

There being no further business the meeting was adjourned.

Respectfully submitted

W. H. Reiss Secy.

Treas report. \$55.79.

THE MILWAUKEE RADIO AMATEURS CLUB INC.
MINUTES OF THE REGULAR MEETING JUNE 14, 1929

The meeting was called to order by President Seibel and the minutes of the previous meeting read and approved.

Business Manager Catel reports he has heard nothing from Resto Bulb that was said to have been sent and wrote regarding it.

Technical Committeeman Howell ~~advised~~ ^{told of} his new receiver.

Mr. Crapo had nothing to report on traffic.

The Secretary was authorized to order ten Handbooks at the special price from headquarters.

It was decided this would be the last meeting of this season the next meeting to be Sept 19.

General discussion followed and the secretary was ordered to prepare cards announcing the picnic the last Sunday in August.

There being no further business the meeting was adjourned.

Respectfully submitted

J. H. Reiss Secy.

END

THE MILWAUKEE RADIO AMATEURS CLUB Inc.,

MINUTES OF REGULAR MEETING HELD MAR. 6, 1930.

Meeting called to order by the Vice Pres. Mr. Wollaeger.
The roll was called by the Secretary.

Minutes of previous meeting were read and approved.

Mr. Kurth had no report on membership.

Mr. Crapo had no report on traffic.

Mr. Seibel reported on a case of amateur interference to BCLs in South Milwaukee. In the absence of Mr. Catel? Mr. Seibel also reported on the progress of the entertainment committee and advised that six or more good prizes had been donated for the QSO party. He also advised that Mr. Hoffman from the Burgess Laboratories would speak. The attendance prize for this meeting was not in evidence owing to the absence of Mr. Catel, but we were advised by Mr Seibel that it had been selected and consisted of one filter condensor which would be brought to the next meeting.

Mr. Barnes advised that he had paid a visit to the Federal Railway Institute and that they had promised a prize for the party. He also reported on the clock used in the transmission of time signals, as well as a few remarks relative to the method used by the United States Embassy in England in radio and cable communication with the officers in the United States.

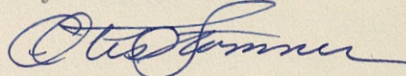
Mr. Crapo reported on a modification of the condenser used in the New Burgess tuned radio receiver.

Mr. Wollaeger reported on a small 160 meter transmitter which he had on display.

In the attendance prize drawing, Mr. Kurth won the filter condenser with ticket number 5.

There being no further business the meeting was adjourned.

Respectfully submitted,

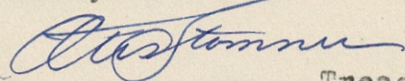


Secretary.

Treasurers report.

Balance on hand Mar 6 -----	\$54.40
Receipts Mar. 6 -----	4.25
Disbursements -----	2.50
Cash on hand March 13 -----	<u>\$56.15</u>

Respectfully submitted



Treasurer.